

Team Member's Names: CHARLIE & TRAVIS
School: Mount Vernon Middle School, Mount Vernon, IA
Teacher: Mrs. Searce

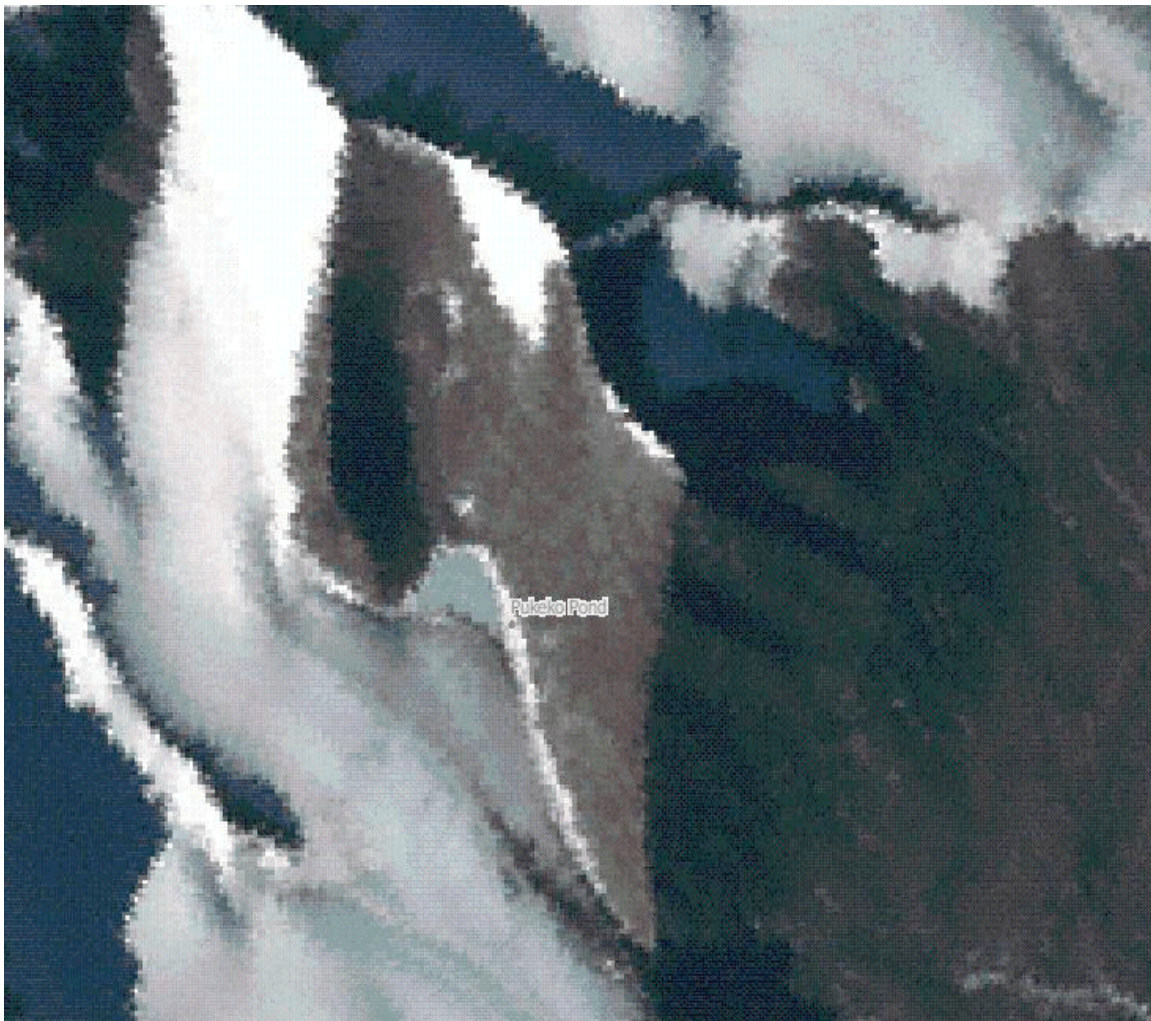
Proposal:

1.The name and/or description of your chosen ice feature

Pukeko Pond description from Lima-

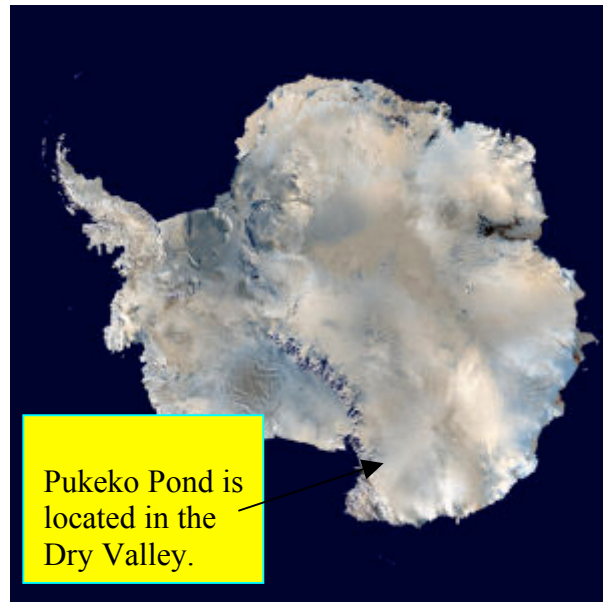
A pond, 0.25 mile long, between Mount Loke and the west side of Denton Glacier in Asgard Range, McMurdo Dry Valleys. Named by the NZGB (1998) after a New Zealand water bird.

2.An image of your chosen ice feature



3.The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of Antarctica with a mark pinpointing the location of their selected feature).

Pukeko Pond is located at 772900 south latitude and 1623400 east longitude.



4. A paragraph explaining why your chosen ice feature is scientifically interesting.

We chose Pukeko Pond because we wanted to know if it is a frozen lake or if it never freezes like Don Juan Pond and we would like to know if any life exists or ever did exist in Pukeko Pond.

5. A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.

We want to know if Pukeko Pond is frozen all the way to the bottom or if it or if it never freezes because it may have a very high level of salt or there could be a fumarole inside of the ground under the pond creating so much heat that it never freezes.

6. A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)

We think our team should be funded to investigate this part of Antarctica because the extreme ecosystem that exists may be similar to other planets.